

IN THE SPECIFICATION

Please amend the paragraph at page 1, lines 6-15, as follows:

--The invention relates to a method, ~~as defined in the preamble of claim 1;~~ for conveying material, advantageously food-industry bulk material, especially cutting offals or food waste, by means of a pressure difference in a conveying pipe, in which method the material is fed to a conveying pipe, and further in the conveying pipe to a separator device in which the transferred material is separated from conveying air, in which method underpressure is achieved to the conveying pipe with an ejector apparatus the suction side of which is connected to the separator device, which ejector apparatus is operated with an actuating medium.--

Please amend the paragraph at page 1, lines 17-24, as follows:

--The invention relates also to an apparatus, ~~as defined in the preamble of claim 14;~~ for conveying material, advantageously food-industry bulk material, especially cutting offals and food waste, by means of a pressure difference in a conveying pipe, which apparatus comprises a conveying pipe for the material, a separator device, and a means for achieving underpressure to the conveying pipe with an ejector apparatus the suction side of which is connected to the separator device, which ejector apparatus is operated with an actuating medium.--

Please amend the paragraph at page 2, lines 31-32, as follows:

--In addition, the method, according to the invention is characterised by what is stated in claims 2-13 sprayed liquid may be collected at least partially and re-circulated for spraying. The medium may be sprayed, if required, with several nozzles.

The ejector apparatus may be brought a second medium, especially a liquid and/or gaseous medium. The second medium may be brought to the ejector apparatus along with the actuating medium. The second medium may be brought regardless of the actuating medium. The proportion of the second medium and the actuating medium may be regulated when required.

The second medium may be sprayed to the ejector device. The second medium may be sprayed to the ejector device before the mixing of the gases coming from the suction pipe with the actuating medium of the ejector. The second medium may be sprayed to the ejector device during the mixing of the gases of the suction pipe with the actuating medium or after it. At least a major part of the second medium may be separated from the gas flow.

Odor and/or particle nuisances can be eliminated and/or the suction effect of the ejector apparatus can be intensified by bringing the second medium. As the second medium may be utilized a liquid medium, especially water.--

Please amend the paragraph at page 3, lines 1-2, as follows:

--In addition, the The apparatus, according to the invention is characterised by what is stated in claims 14-22 may further comprise collecting means for at least partial collecting of the sprayed medium, and means for re-spraying the collected medium. At least one of the nozzles may be arranged to the suction pipe. The apparatus may further comprise at least one ejector nozzle which is arranged to an ejector pipe or to its vicinity, which ejector pipe is directed at a separator member or extends inside the separator member.

The apparatus may further comprise means for feeding a second medium, advantageously a liquid and/or gaseous medium, especially water, to the ejector apparatus. The means for bringing the second medium may comprise at least one nozzle. The means for bringing the second medium may comprises at least one nozzle from at least one opening of which the second medium is sprayed to the ejector device by means of the suction produced by the ejector.

The apparatus may further comprise means for separating liquid and/or solid matter from the gas flow. The apparatus may further comprises means for achieving a rotating movement in the separator member.--

Please amend the paragraph at page 9, lines 28-33, as follows:

--In the embodiment according to Figures 1 and 2, the means for bringing the second medium comprises a pump device 31. It has a pipe, such as a water pipe 34, or a connection to a separate container from which the pump device 31 pumps a second medium, typically liquid, along the pipe 32 going to the nozzle 12, 30. The pipe 34 is provided with a valve
33.--

Please amend the paragraph from page 10, lines 17-25, as follows:

--According to an embodiment, the apparatus comprises a collecting/separating means 38 for separating liquidous liquid and/or solid matter from the gas flow. Typically is arranged a collector/separator member 38, whereby the gas flow of the ejector device is additionally deflected so that liquid drops and/or material particles or at least a part of them remain in the collector member 20. The apparatus comprises an outlet fitting 39 for leading the separated liquid and/or solid matter to a sewer, a separate container 40 or back to the separator device 5. These alternatives are presented in Figures 2, 3 and 4. The outlet fitting 39 is provided with a valve 41 in Fig. 3.--

Please amend the paragraph at page 12, line 15, to page 13, line 3, as follows:

--In the solution according to the figure, there are also material outlet devices from the separator device 5. These comprise in the embodiment of the figure a closing member 25, arranged to the bottom part of the separator device 5, which member may be opened and closed when required. Then, the material accumulated to the separator device and conveyed in the pipe 4 exits the separator device 5, to a material container 8, typically arranged below it, from which container the material may be conveyed for further processing. In the solution according to the figure, the outlet devices are pressurised-medium-operated, especially pneumatic. The apparatus comprises, for example, a cylinder-piston combination 26 with which the closing member 25, which is, for example, a lid hinged to the bottom of the separator device, is opened and closed. The means further comprises a valve member 27 with which the cylinder-piston unit 26 is controlled. In the case of the figure, the medium source of the outlet devices is the same pressurised-air production station 11 from which pressurised air

is led to the ejector devices. The pipeline 28 of the actuating medium of the outlet members is connected to a pipeline 21 going to the ejector nozzle 12. As a consequence of an impulse given by the control system or a manual one, the valve member moves to a position in which the cylinder-piston unit opens the closing member 25. Presumably for the time of unloading, the flow path going to the ejector nozzle is closed with the valve 24. After the unloading, the valve 27 returns to the position according to the figure, whereby the closing member 25 closes. After this, it is possible to open the flow path of pressurised pressurized air for the ejector nozzle 12.--

Please amend the paragraph from page 14, line 35 to page 15, line 24, as follows:

--Figure 5 shows a second embodiment of a method and an apparatus according to the invention in which embodiment liquid spraying, especially liquid mist is ~~utilised~~ utilized as the actuating medium of the ejector apparatus. The apparatus comprises at least one actuating-medium nozzle 122 which is directed advantageously towards an ejector pipe 128. In the figure, three ejector nozzles have been arranged in parallel, and there are also correspondingly three ejector pipes 128 in parallel. The ejector pipes are directed to a collector/separator member 38 which is container-like in the embodiment of the figure. The collector/separator member 38 comprises a means for separating liquid and/or solid matter from the gas flow. Then typically, the flow produced by the ejector device is deflected so that the liquid drops and/or material particles or at least a part of them remain in the collector member. In the embodiment of the figure, the liquid collected to the separator member is recirculated with pump means 126, 127 through pipelines 131, 125 to be sprayed with at least one ejector nozzle 122. To the pipeline is arranged a filter member 140. Most suitably, also to

suction pipes 130, 131, to their inlet opening or its vicinity, is arranged a coarse mesh filter. According to the figure, the apparatus comprises at least one nozzle 123 for leading a second medium to the ejector space or its vicinity. With the ejector nozzles 122 is achieved sufficient suction in order to feed the second medium by means of the suction with the nozzle 123. In the embodiment of the figure, the second medium is also ~~liquidous~~ liquid medium, most suitably actuating medium, which is led with the pipe 130 to the nozzle 123 from the collector/separator member 38 or other container. The second medium intensifies the suction of the ejector apparatus to the pipe 7 and further through the separator member 5 to the pipe 4.--

Please amend the paragraph at page 15, line 26, to page 16, line 4, as follows:

--The ejector pipe 128 may be directed so that it produces a rotating movement in the collector/separator member 38. In the solution according to the figure, the end 129 of the ejector pipe 128 is directed to achieve a tangential component to the flow so that a rotating movement of the liquid is achieved. With this rotating movement, for example, heavier particles and solid-material components may be led nearer to the walls of the separator member, whereby the suction pipes 130, 131, arranged for circulating the liquid, are advantageously arranged to a distance from the edges of the collector/separator member 38. By circulating liquid, it is possible to ~~utilise~~ utilize, if required, substances, chemicals, such as cleansers or similar, arranged among the liquid. To the separator member is arranged a

closing member 133, whereby at least a part of the material and liquid collected to the separator member may be removed to a separate container 40, a sewer 40' or for further processing. The closing member may be operated with an actuator 141, such as a piston-cylinder combination or other device.--

Please amend the paragraph at page 16, lines 7-21, as follows:

--The separator member comprises typically level monitoring which is arranged with, for example, limit switches 137, 138. More liquid may be brought to the separator member with a pipeline 134 which is provided with a valve member 136, which may be controlled, for example, based on the signals given by the limit switches 137, 138 or when required. The apparatus may also comprise a means 139 for monitoring medium flow. The means may comprise a flow sensor arranged to the separator member, based on the information communicated by which flow sensor the ejector device and/or the filling/unloading of the separator member is controlled. The separator member comprises also an overflow blocking pipe 135 which leads the excess of the liquid collected to the collector/separator member 38 to, for example, a sewer. To the separator member is arranged a gas outlet valve 132 through which the gases arrived to the separator member may exit the separator member, most suitably "washed".--

Please amend the paragraph at page 16, lines 23-36, as follows:

--Figure 6 shows a further advantageous embodiment of an apparatus according to the invention, in which embodiment to the pipe 7 is arranged a nozzle 121 for spraying actuating medium, most suitably water mist. The nozzle intensifies the suction effect achieved by the apparatus, and further intensifies the effect cleansing the gas flow. The nozzle 121 is directed, most suitably coaxially, to the pipe [[12]] Z. In addition to the nozzle 121, in the flow direction after the nozzle 121 may be arranged at least one ejector nozzle 122 and ejector pipe 128 which are arranged towards the collector/separator member 38. The nozzle 121 and the ejector nozzle 122 are, in the embodiment of Figure 6, arranged to an angle in regard to each other. The nozzles achieve suction to their vicinity, whereby the gas flow mixes with the spray, most advantageously liquid mist spray, whereby is achieved an efficient cleansing of the gas flow.--